

ABSTRACT OF THE DISCLOSURE

An optical fiber splicer for splicing a plurality of first optical fibers arranged in spaced relationship with each other and a plurality of second optical fibers arranged in opposed relationship with the first optical fibers. The optical fiber splicer includes an XY table movable in XY directions orthogonal to each other, a tray mounted on the XY table, and first and second clamps for respectively clamping a selected one of the first optical fibers and a selected one of the second optical fibers to be spliced to the selected first optical fiber. The optical fiber splicer further includes first and second electrodes extending vertically and aligned with each other, first and second cameras located so as to interpose the first electrode, and an image processing unit for processing images picked up by the first and second cameras.